IFWO

RAW SEQUENCE LISTING DATE: 09/21/2004
PATENT APPLICATION: **US/10/674,076A** TIME: 16:09:45

Input Set : **A:\N0260.70044US01seq.txt**
Output Set: **N:\CRF4\09212004\J674076A.raw**

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  3 <110> APPLICANT: Shashoua, Victor E
  5 <120> TITLE OF INVENTION: NEUROPROTECTIVE PEPTIDES AND USES THEREOF
  7 <130> FILE REFERENCE: N0260.70044US01
  9 <140> CURRENT APPLICATION NUMBER: US 10/674,076A
 10 <141> CURRENT FILING DATE: 2003-09-29
 12 <150> PRIOR APPLICATION NUMBER: US 09/021,247
 13 <151> PRIOR FILING DATE: 1998-02-10
 15 <150> PRIOR APPLICATION NUMBER: US 09/810,863
 16 <151> PRIOR FILING DATE: 2001-03-16
 18 <160> NUMBER OF SEQ ID NOS: 19
 20 <170> SOFTWARE: PatentIn version 3.2
 22 <210> SEQ ID NO: 1
 23 <211> LENGTH: 12
 24 <212> TYPE: PRT
 25 <213> ORGANISM: Artificial sequence
 27 <220> FEATURE:
 29 <223> OTHER INFORMATION: Synthetic Peptide
 31 <220> FEATURE:
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 33 <222> LOCATION: (1)..(1)
 34 <223> OTHER INFORMATION: X = Asp, Gln, Gly or Tyr
 36 <220> FEATURE:
 37 <221> NAME/KEY: MISC_FEATURE
 38 <222> LOCATION: (2)..(2)
 39 <223> OTHER INFORMATION: X = any amino acid
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 43 <222> LOCATION: (3)..(3)
 44 <223> OTHER INFORMATION: X = Asp, Asn, Thr or Glu
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 48 <222> LOCATION: (4)..(4)
 49 <223> OTHER INFORMATION: X = any amino acid
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 53 <222> LOCATION: (5)..(5)
 54 <223> OTHER INFORMATION: X = Asp, Ser, Gly, Asn or Leu
 56 <220> FEATURE:
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 58 <222> LOCATION: (6)..(6)
 59 <223> OTHER INFORMATION: X = any amino acid
 61 <220> FEATURE:
 62 <221> NAME/KEY: MISC_FEATURE
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P.6

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     64 <223> OTHER INFORMATION: X = Ala, Asp, Phe, Lys, Thr, Tyr, Arg, Val, Cys or Ser
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     71 <220> FEATURE:
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     73 <222> LOCATION: (9)..(9)
     74 <223> OTHER INFORMATION: X = Asp, Glu, Gly, Ser, Thr, Met or Asn
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     78 <222> LOCATION: (10)..(10)
     79 <223> OTHER INFORMATION: X = any amino acid
     81 <220> FEATURE:
     82 <221> NAME/KEY: MISC_FEATURE
     83 <222> LOCATION: (11)..(11)
     84 <223> OTHER INFORMATION: X = Glu, Gln, Ala, Leu or Asn
     86 <220> FEATURE:
     87 <221> NAME/KEY: misc_feature
     88 <222> LOCATION: (12)..(12)
     89 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
     91 <400> SEQUENCE: 1
W--> 93 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
     94 1               5                   10
     97 <210> SEQ ID NO: 2
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     99 <212> TYPE: PRT
    100 <213> ORGANISM: Artificial sequence
    102 <220> FEATURE:
    104 <223> OTHER INFORMATION: Synthetic Peptide
    106 <220> FEATURE:
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    108 <222> LOCATION: (2)..(2)
    109 <223> OTHER INFORMATION: X = any amino acid
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    114 <223> OTHER INFORMATION: X = any amino acid
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    119 <223> OTHER INFORMATION: X = any amino acid
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    123 <222> LOCATION: (10)..(10)
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    126 <220> FEATURE:
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129 <223> OTHER INFORMATION: X = any amino acid
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144 <223> OTHER INFORMATION: Synthetic Peptide
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149 1 5 10
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154 <212> TYPE: PRT
155 <213> ORGANISM: Artificial sequence
157 <220> FEATURE:
159 <223> OTHER INFORMATION: Synthetic Peptide
161 <400> SEQUENCE: 4
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164 1 5 10
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169 <212> TYPE: PRT
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174 <223> OTHER INFORMATION: Synthetic Peptide
176 <400> SEQUENCE: 5
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179 1 5 10 15
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183 <211> LENGTH: 21
184 <212> TYPE: DNA
185 <213> ORGANISM: Artificial sequence
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198 <213> ORGANISM: Artificial sequence
200 <220> FEATURE:
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204 <400> SEQUENCE: 7
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208 <210> SEQ ID NO: 8

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    218 cgcttgatga gtcagccgga a                                          21
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    223 <212> TYPE: PRT
    224 <213> ORGANISM: Artificial sequence
    226 <220> FEATURE:
    228 <223> OTHER INFORMATION: Synthetic Peptide
    230 <400> SEQUENCE: 9
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    233 1               5                   10                  15
    235 Lys Lys Lys Lys
    236             20
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    240 <211> LENGTH: 8
    241 <212> TYPE: PRT
    242 <213> ORGANISM: Artificial sequence
    244 <220> FEATURE:
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    249 <400> SEQUENCE: 10
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    252 1               5
    255 <210> SEQ ID NO: 11
    256 <211> LENGTH: 9
    257 <212> TYPE: PRT
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    266 <222> LOCATION: (1)..(1)
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    272 1               5
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    277 <212> TYPE: PRT
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    280 <220> FEATURE:
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    287 1               5
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Input Set : **A:\N0260.70044US01seq.txt**
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291 <211> LENGTH: 10
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300 <221> NAME/KEY: MISC_FEATURE
301 <222> LOCATION: (1)..(1)
302 <223> OTHER INFORMATION: X = Asp, Asn, Thr or Glu
304 <220> FEATURE:
305 <221> NAME/KEY: MISC_FEATURE
306 <222> LOCATION: (2)..(2)
307 <223> OTHER INFORMATION: X = any amino acid
311 <400> SEQUENCE: 13
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314 1 5 10
317 <210> SEQ ID NO: 14
318 <211> LENGTH: 10
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320 <213> ORGANISM: Artificial sequence
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324 <223> OTHER INFORMATION: Synthetic Peptide
326 <220> FEATURE:
327 <221> NAME/KEY: MISC_FEATURE
328 <222> LOCATION: (2)..(2)
329 <223> OTHER INFORMATION: X = any amino acid
331 <400> SEQUENCE: 14
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334 1 5 10
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338 <211> LENGTH: 11
339 <212> TYPE: PRT
340 <213> ORGANISM: Artificial sequence
342 <220> FEATURE:
344 <223> OTHER INFORMATION: Synthetic Peptide
346 <220> FEATURE:
347 <221> NAME/KEY: MISC_FEATURE
348 <222> LOCATION: (1)..(1)
349 <223> OTHER INFORMATION: X = any amino acid
351 <220> FEATURE:
352 <221> NAME/KEY: MISC_FEATURE
353 <222> LOCATION: (2)..(2)
354 <223> OTHER INFORMATION: X = Asp, Asn, Thr or Glu
356 <220> FEATURE:
357 <221> NAME/KEY: MISC_FEATURE
358 <222> LOCATION: (3)..(3)
359 <223> OTHER INFORMATION: X = any amino acid
361 <400> SEQUENCE: 15

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 09/21/2004
PATENT APPLICATION: **US/10/674,076A** TIME: 16:09:46

Input Set : **A:\N0260.70044US01seq.txt**
Output Set: **N:\CRF4\09212004\J674076A.raw**

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 1,2,3,4,5,6,7,8,9,10,11,12
Seq#:2; Xaa Pos. 2,4,7,10,11
Seq#:11; Xaa Pos. 1
Seq#:13; Xaa Pos. 1,2
Seq#:14; Xaa Pos. 2
Seq#:15; Xaa Pos. 1,2,3
Seq#:16; Xaa Pos. 2,3
Seq#:17; Xaa Pos. 1,2,3,4
Seq#:18; Xaa Pos. 2,3,4
Seq#:19; Xaa Pos. 1,2,3,4,5,6,7,8

VERIFICATION SUMMARY DATE: 09/21/2004
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Input Set : **A:\N0260.70044US01seq.txt**
Output Set: **N:\CRF4\09212004\J674076A.raw**

L:93 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
L:133 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:271 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0
L:313 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0
L:333 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0
L:363 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0
L:387 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0
L:422 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0
L:452 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:0
L:507 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:0